

JULY 05/01  
U.S. PTO

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PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

JULY 05/01  
U.S. PTO  
07/05/01  
09/09/03  
PRO

## UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

### APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 104]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets 55 ]
5. Oath or Declaration [ Total Pages 2 ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
  - i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)  
 Prior application information    Examiner N/A    of prior application No. 09/737,375  
 Group Art Unit 2661

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24739		or <input type="checkbox"/> Correspondence address below
Name	24739		
Address	PATENT TRADEMARK OFFICE		
City		State	Zip Code
Country		Telephone	Fax
Name (Print/Type)	Donald R. Boys		Registration No. (Attorney/Agent) 35,074
Signature			Date July 5, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent App, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 355.00)

## Complete if Known

Application Number	NA
Filing Date	July 5, 2001
First Named Inventor	Nandakumar Sampath
Examiner Name	N/A
Group Art Unit	N/A
Attorney Docket No.	P3826

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to.

Deposit Account Number **50-0534**  
Deposit Account Name **Mark Boys**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	<b>355.00</b>
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 355.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
14	-20** = 0	X 9 = 0.00	
2	-3** = 0	X 40 = 0.00	
Multiple Dependent			= 0.00

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

\*\*or number previously paid, if greater; For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY					
Name (Print/Type)	<b>Donald K. Boys</b>		Registration No. (Attorney/Agent)	35074	Telephone (831) 726-1457
Signature			Date	July 5, 2001	

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Art Unit Not Known  
Examiner Not Known

In Re: Nandakumar Sampath  
Case: P3826  
Serial No.: NA  
Filed: 07/05/2001  
Subject: Method and Apparatus for Non-Speculative Pre-Fetch Operation in Data Packet Processing

To the Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**Letter To The Examiner**

Dear Sir,

The above-mentioned inventor has participated in the document disclosure program. The specification for the above-mentioned patent application refers to Document Disclosure Number 491527, entitled "Mechanism to Un-Speculatively Pre-Fetch Instructions from the Thread Associated to a Packet", which was assigned a filing date of April 3, 2001. Further, please retain a copy of the disclosure document in the present application file.

If there are any fees due beyond any fees paid with the present application and amendment, such fees are authorized to be deducted from deposit account 50-0534.

Respectfully Submitted,

Nandakumar Sampath

by   
Donald R. Boys  
Reg. No. 35,074

Donald R. Boys  
Central Coast Patent Agency, Inc.  
P.O. Box 187  
Aromas, CA 95004  
(831) 726-1457

## Certificate of Express Mailing

"Express Mail" Mailing Label Number: **EL657627394US**

Date of Deposit: **07/05/2001**

Ref: Case Docket No.: **P3826**

First Named Inventor: **Nandakumar Sampath**

Serial Number: **N/A**

Filing Date: **07/05/2001**

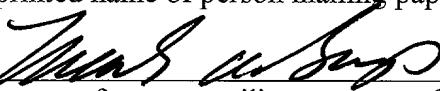
Title of Case: **Method and Apparatus for Non-Speculative Pre-Fetch Operation in Data Packet Processing**

I hereby certify that the attached papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and addressed to the Commissioner of Patents and Trademarks, Washington D.C. 20231

1. Utility patent application transmittal.
2. 104 sheets of specification.
3. 55 sheets of drawings.
4. Fee transmittal.
5. Duplicate fee transmittal.
6. Information Disclosure Statement.
7. Copy of Disclosure Document # 491527
8. Letter of Transmittal.
9. Declaration and Power of Attorney.
10. Check for fees in the amount of \$355.00.
11. Certificate of express mailing.
12. Postcard listing contents.

Mark A. Boys

(Typed or printed name of person mailing paper or fee)



\_\_\_\_\_  
(Signature of person mailing papers or fee)